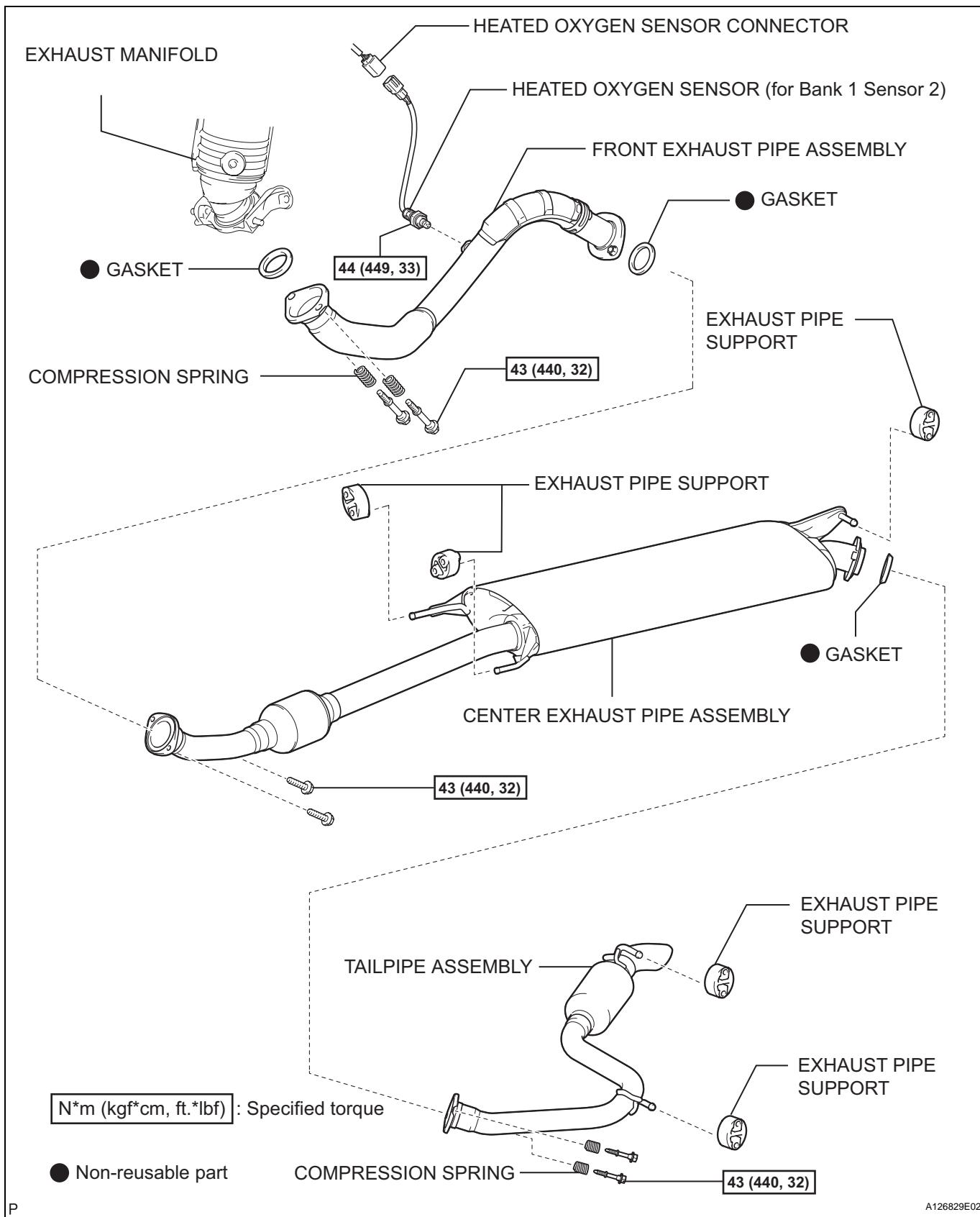


EXHAUST PIPE

COMPONENTS



REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

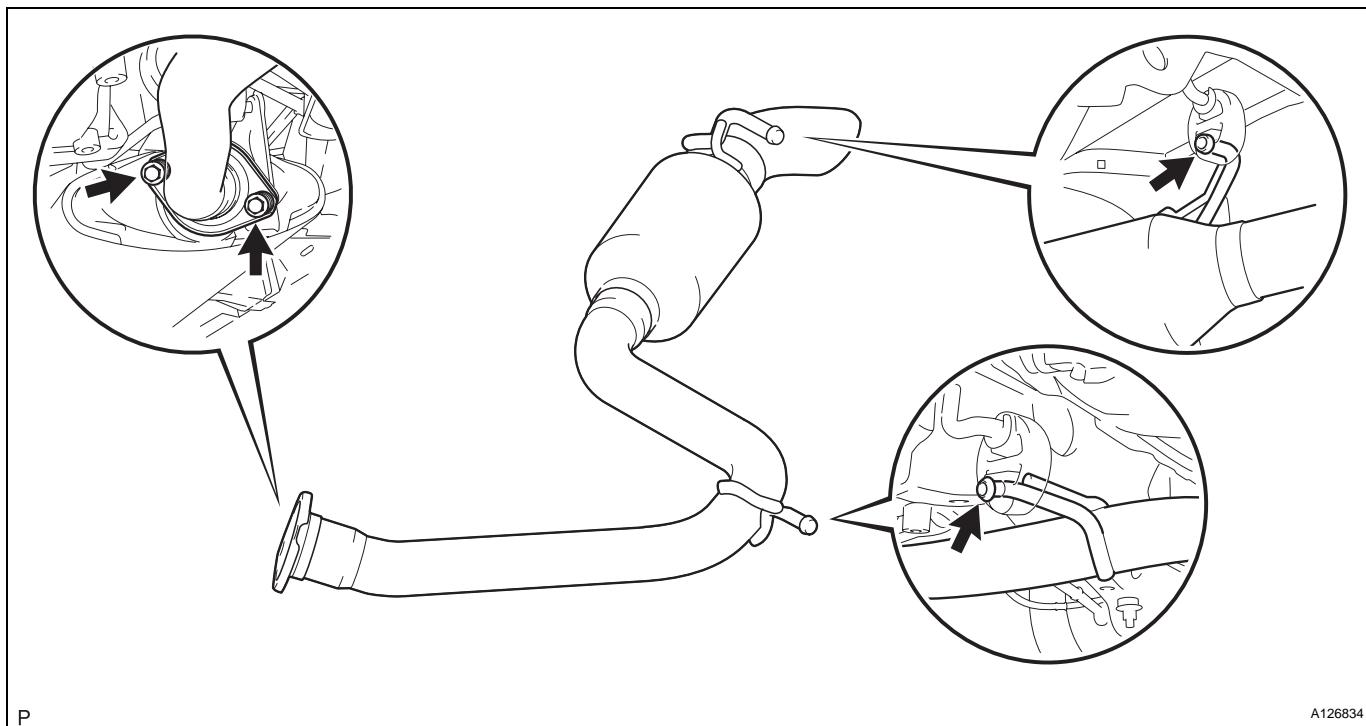
2. REMOVE HEATED OXYGEN SENSOR (for Bank 1 Sensor 2) (See page **EC-24**)

3. REMOVE TAILPIPE ASSEMBLY

(a) Remove the 2 bolts and 2 compression springs.

(b) Disconnect the 2 exhaust pipe supports, and remove the tailpipe.

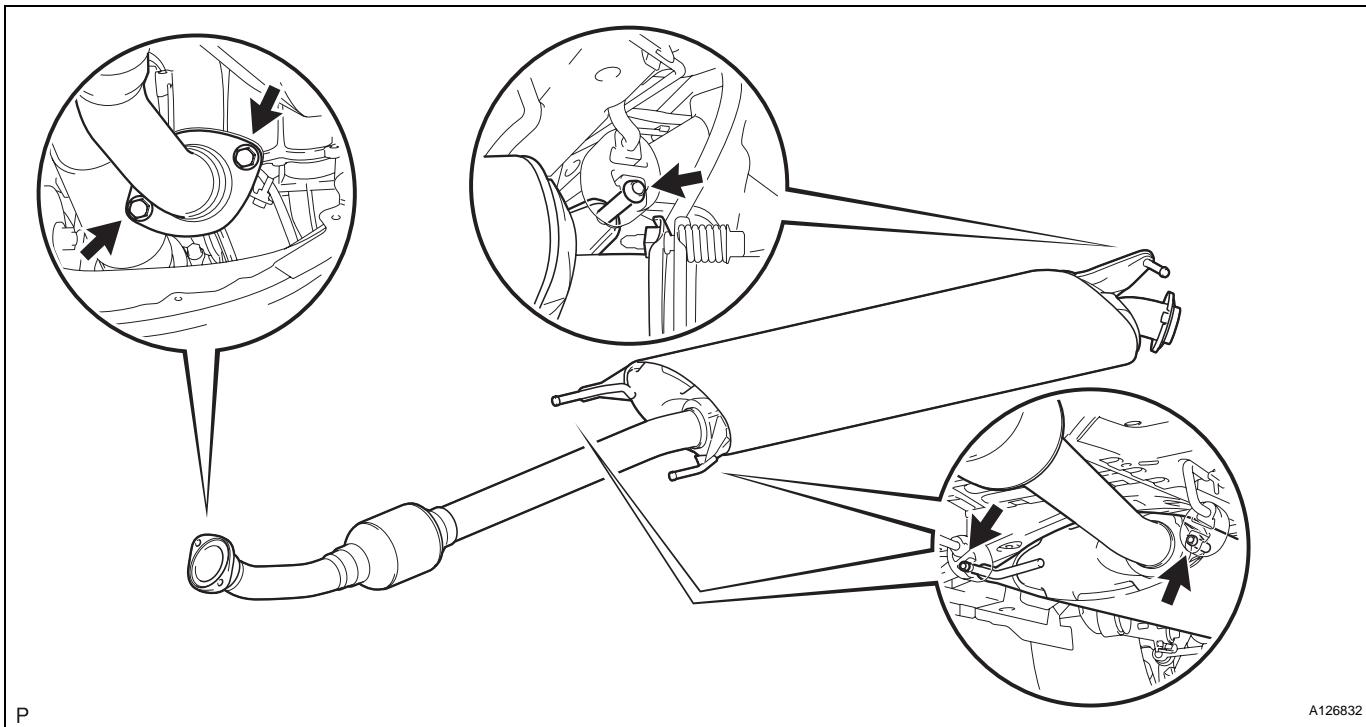
(c) Remove the gasket from the center exhaust pipe.



4. REMOVE CENTER EXHAUST PIPE ASSEMBLY

(a) Remove the 2 bolts.

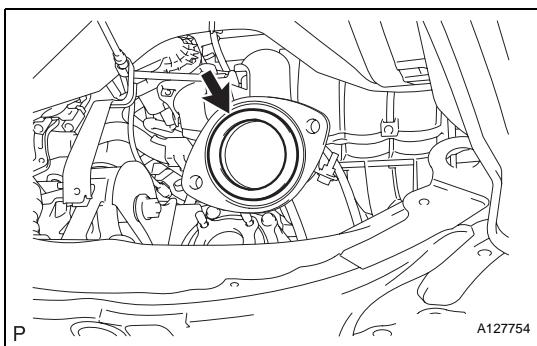
(b) Disconnect the 3 exhaust pipe supports, and remove the center exhaust pipe.



(c) Remove the gasket from the front exhaust pipe.

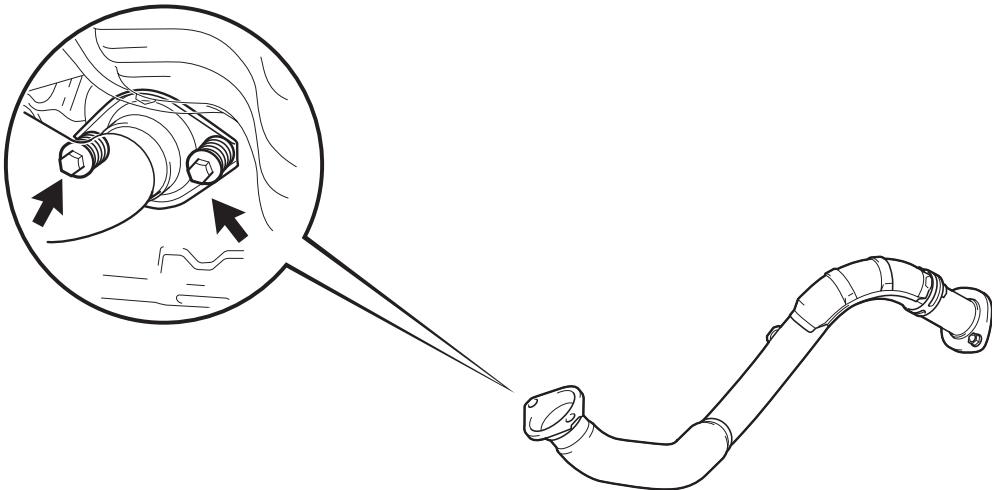
5. REMOVE FRONT EXHAUST PIPE ASSEMBLY

(a) Remove the 2 bolts, 2 compression springs and front exhaust pipe.



EX

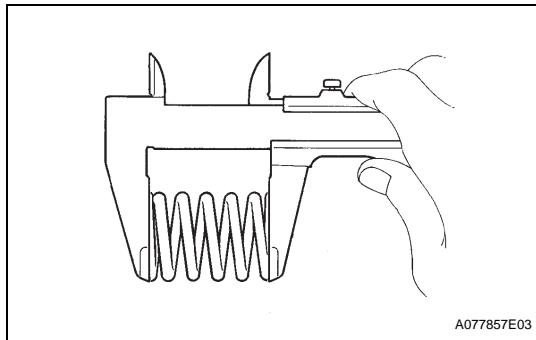
(b) Remove the gasket from the exhaust manifold.



INSTALLATION

1. INSTALL FRONT EXHAUST PIPE ASSEMBLY

(a) Using a vernier caliper, measure the free length of the compression spring.
Minimum length:
41.5 mm (1.634 in.)
If the length is less than the minimum, replace the compression spring.



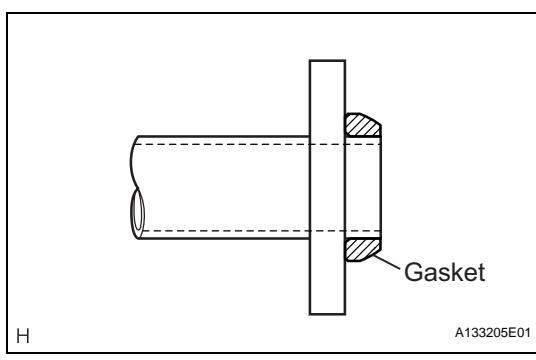
(b) Install a new gasket by hand so that its surface is flush with the exhaust manifold.

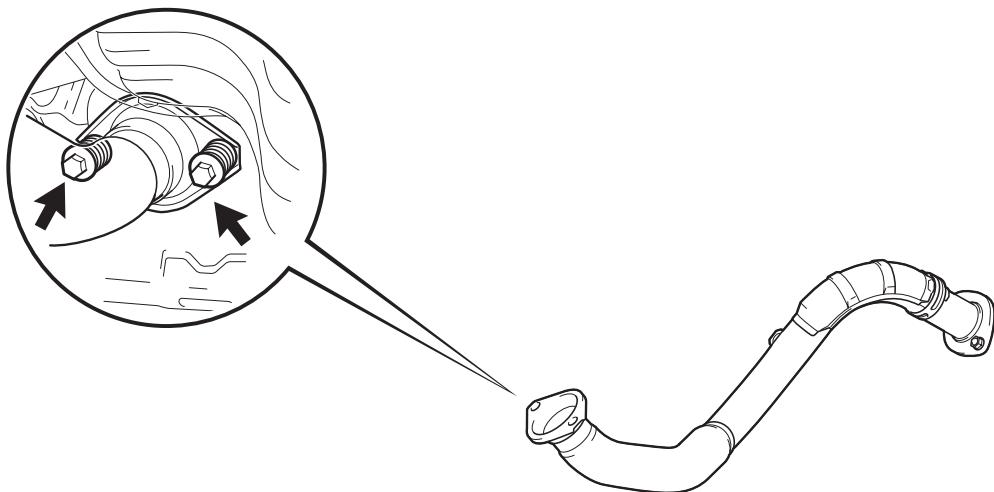
NOTICE:

- **Make sure the gasket is facing the correct direction.**
- **Do not reuse the removed gasket.**
- **Do not push in the gasket while installing the front exhaust pipe.**

(c) Install the front exhaust pipe with the 2 compression springs and 2 bolts.

Torque: 43 N*m (438 kgf*cm, 32 ft.*lbf)





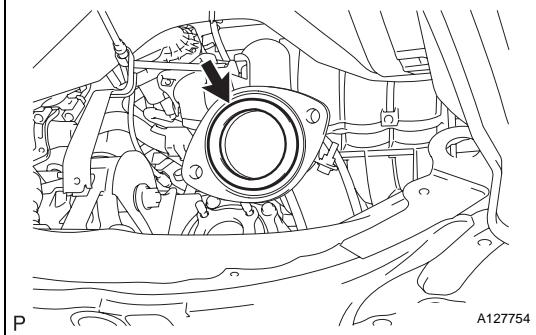
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2. INSTALL CENTER EXHAUST PIPE ASSEMBLY

- Install a new gasket onto the front exhaust pipe.
- Connect the 3 exhaust pipe supports, and install the center exhaust pipe.
- Install the 2 bolts.

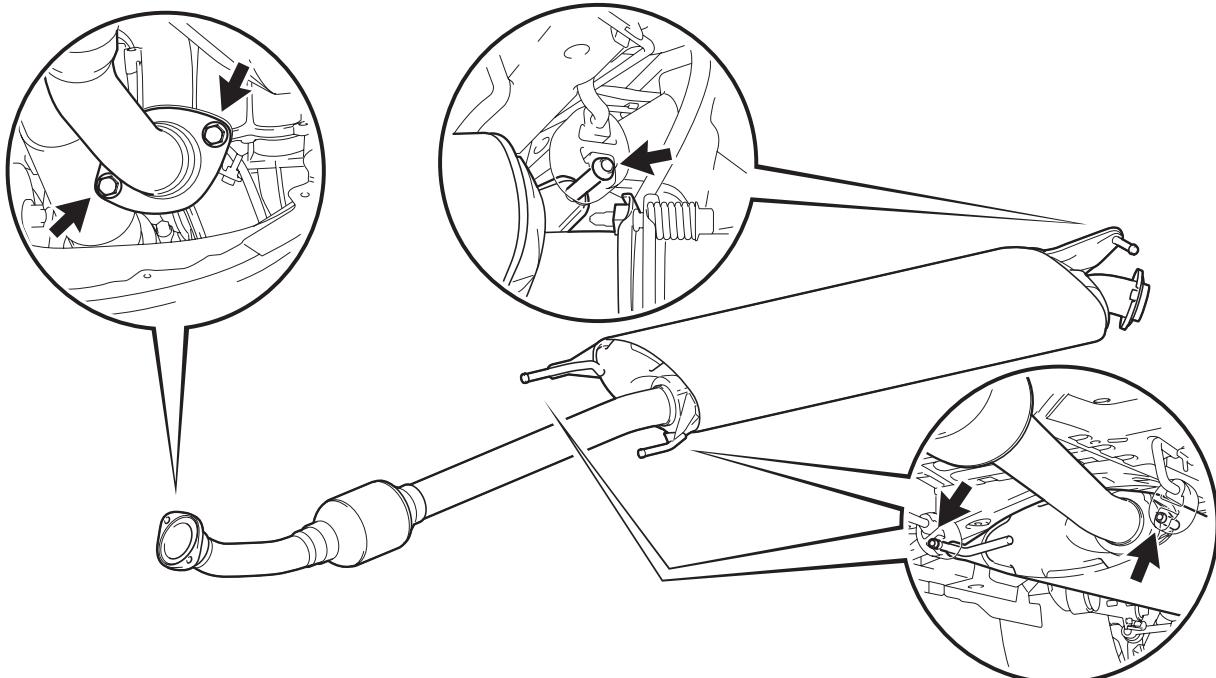
Torque: 43 N*m (438 kgf*cm, 32 ft.*lbf)



P

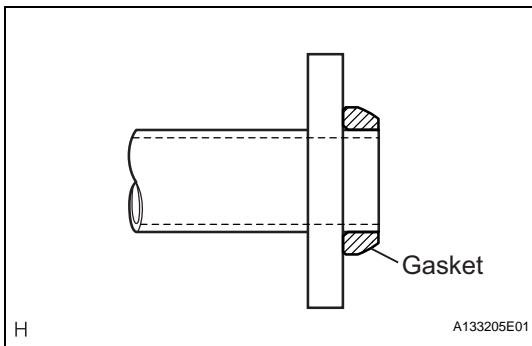
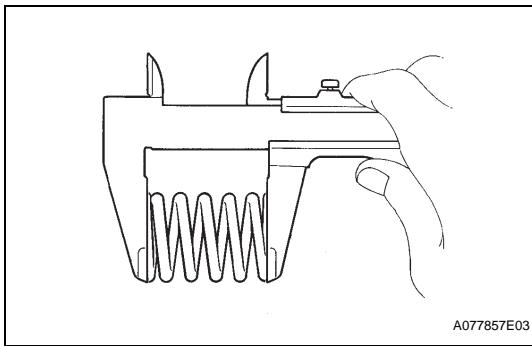
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3. INSTALL TAILPIPE ASSEMBLY

(a) Using a vernier caliper, measure the free length of the compression spring.

Minimum length:

38.5 mm (1.516 in.)

If the length is less than the minimum, replace the compression spring.

(b) Install a new gasket by hand so that its surface is flush with the center exhaust pipe.

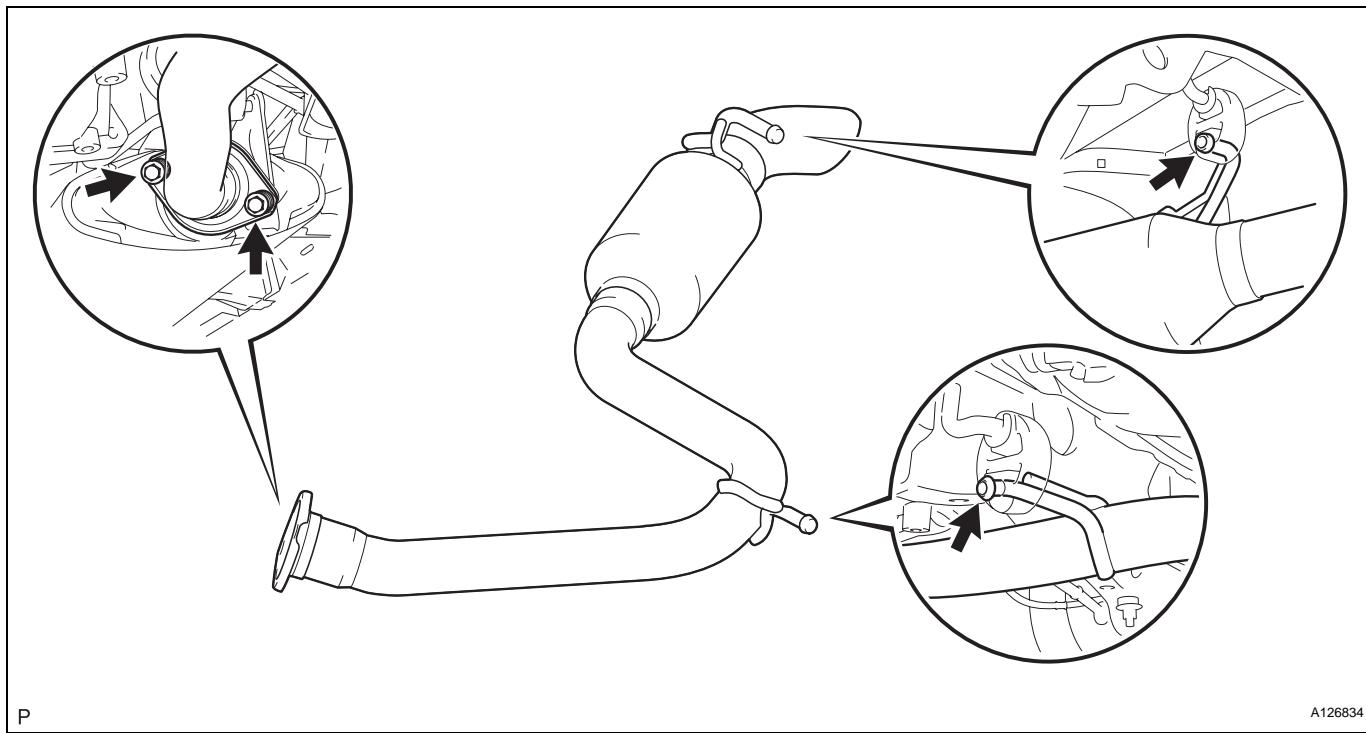
NOTICE:

- Make sure the gasket is facing the correct direction.
- Do not reuse the removed gasket.
- Do not push in the gasket while installing the tailpipe.

(c) Connect the 2 exhaust pipe supports, and install the tailpipe.

(d) Install the 2 compression springs and 2 bolts.

Torque: 43 N*m (438 kgf*cm, 32 ft.*lbf)



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4. INSTALL HEATED OXYGEN SENSOR (for Bank 1 Sensor 2) (See page EC-24)

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

6. CHECK FOR EXHAUST GAS LEAKS

If gas is leaking, tighten the areas necessary to stop the leak. Replace damaged parts as necessary.